



Motorola 52nd Street Superfund Site Community Advisory Group (CAG) Meeting



Thursday, August 23, 2007

6:00 p.m. to 8:00 p.m.

ADEQ - Room 250
1110 West Washington
Phoenix, Arizona

DRAFT MINUTES

Members in Attendance:

Jeanne Lindsay
Mary Moore

ADEQ Staff in Attendance:

Chris Gamache, OU1 & OU2 Project Manager
Nicole Coronado, OU3 Project Manager
Bob Peeples, OU3 Project Manager
David Haag, Hydrologist
Harry Hendler, Federal Projects Unit Manager
Julie Rieimenschneider, Remedial Projects Unit Manager
Samantha Roberts, Remedial Projects Section Manager
Mark Lucas, UST Case Manager
Phil McNeely, Tank Program Division Director
Linda Mariner, ADEQ Community Involvement Coordinator

EPA Staff in Attendance:

Leah Butler, Remedial Project Manager
Janet Rosati, Remedial Project Manager
Viola Cooper, Community Involvement Coordinator

Others in Attendance:

Bob Forsberg, LFR
Sue Kraemer, Shaw Environmental
Lisa Stahl, Shaw Environmental
Barbara Murphy, Clear Creek Assoc.
Tom Suriano, Clear Creek Assoc.
Jenn McCall, Freescale
Dan Casiraro, SRP
Judy Heywood, APS
Mario Castaneda, TAG Technical Advisor
Rene Chase Dufault
Peter Kroopnich, ARCADIS
Robert Mongrain, ARCADIS
Troy Kennedy, Honeywell
Jeff Mieth, CH2M
Phil Burke, CH2M
Jeremy Haynes, The Forrester Group
Bob Kard, Maricopa County Air Quality
Doug Erwin, Maricopa County Air Quality
Susanne Kennedy, Maricopa County Air Quality
Jerry Worsham, Gammage & Burnham
John Heintz, Squire Sanders
Mitch Klein
Steve Smith, Smith Consulting
Greg Heiland, Valutek
Donn Stoltzfus, City of Phoenix
Calvin Goode
Georgie Goode

OU# 08-041

1. Call to Order and Introductions – Linda Mariner, ADEQ Community Involvement Coordinator

Ms. Mariner made note that because there was no quorum of CAG members in attendance, no CAG meeting business could be conducted. However, the presentations proceeded as an informational forum only.

2. OU1 & OU2 Sites Status Report – Harry Hendler, ADEQ Federal Projects Unit Manager

See presentation below

After a question regarding the citizen interviews for the community involvement plan update, it was noted that some citizens in the community involvement area did not receive the recent fact sheet and

meeting announcement by mail. Ms. Mariner will check to find out the reason.

3. OU3 Site Status Report – Janet Rosati, EPA Remedial Project Manager for OU3

See presentation below

4. Announcement of Re-Zoning Application for 52nd Street Property – Jenn McCall, Freescale SemiConductor

Ms. McCall announced that the parking lot property at ON Semiconductor at Roosevelt Street and 50th Street was purchased by Valutek. This required an application for re-zoning it to commercial property be turned in to the City for approval. This case is going to be reviewed by the City on August 29, 2007 at the City Council Meeting beginning at 1:00 pm. Ms. McCall provided a map and building plans for the proposed project by Valutek.

5. What is a TAG? – Viola Cooper, EPA Community Involvement Coordinator

See presentation below

6. Honeywell Biologically Enhanced Soil Vapor Extraction (BSVE) System Permit Hearing Report – Mary Moore, Lindon Park Neighborhood Association (LPNA) TAG Representative

Ms. Moore reported on the results of the Maricopa County public hearing held on May 31, 2007. From the perspective of the neighborhood association, Ms. Moore felt that the hearing was a disappointment because she was not given enough time to make all the comments she had prepared as a representative for the LPNA and CAG. All together a total of 280 pages of comments were submitted by the LPNA. The major concerns included: the air permit is not enforceable, the way the permit was drafted by the county does not reflect community input, the worst case scenario is not addressed, and a bad precedent will be set to require air permits for future Superfund cleanup technologies. Ms. Moore stated that the permit was pulled for a month and resubmitted yesterday for the EPA 45-day review period. She understood that no written response would be given until after the permit was issued. She also reiterated her concern about the apparent lack of oversight on the jet fuel cleanup by the Superfund Program.

7. Honeywell BSVE Permit Update – Phil McNeely, ADEQ Tank Program Division Director

Mr. McNeely began by showing a map of the jet fuel plume on the Honeywell property and explained the cleanup plans for the site. After summarizing the history of the spill found in 1999, Mr. McNeely explained that ADEQ's underground storage tank (UST) program required Honeywell to investigate and prepare a Corrective Action Plan (CAP) to outline how the cleanup will be done. The approved CAP contains three different technologies involved in the total cleanup. Mr. McNeely explained that the BSVE technology pumps fresh air into the ground and then pulls those vapors out from the ground for treatment, and this technology requires some type of vapor treatment. Mr. McNeely stated that a public meeting for the CAP was held on June 29, 2005, and Ms. Moore also expressed her concerns regarding the soil vapor treatment at that meeting. Some of her concerns were addressed in ADEQ's final approval letter dated October 7, 2005 for the CAP, which stated that an air quality permit would be required by Honeywell to monitor the treated air. It also stated that the jet fuel cleanup could not interfere with the CERCLA (federal Superfund) investigation, and the final groundwater cleanup decision would be put on hold because of the CERCLA chemical contaminants commingled in the jet

fuel.

Mr. McNeely clarified that Maricopa County (County) has jurisdiction over the regulation of air quality. Therefore, Honeywell's revised permit application for the proposed BSVE system was submitted to the County for approval. On May 31, 2007, the County conducted a public hearing during the comment period to address any concerns. The ADEQ Tank Program Division reviewed the permit and submitted comments that included the following requests: 1) to monitor the CERCLA contaminants of concern, 2) for more frequent performance testing, 3) carbon change out criteria, and 4) trigger levels to remove potassium permanganate. The County is currently working on their responsiveness summary to all the comments.

Mr. McNeely stated that ADEQ was copied on a letter that the office of Congressman Ed Pastor wrote to EPA asking for an evaluation on who should have oversight of the Honeywell facility. During that period of time the County withdrew the permit until a determination was made. ADEQ responded on August 20th and EPA responded on the 22nd – both recommending that ADEQ keep the oversight. Mr. McNeely announced that the permit has been resubmitted for review on August 23, 2007. EPA has 45 days to review the permit (until October 9, 2007). If the permit is approved, Honeywell will begin installing the BVSE system which is expected to be completed in a year, but some of the wells could be up and running sometime next spring.

Mr. McNeely confirmed that the remediation at the site will continue to operate under dual UST and CERCLA authority. Both the UST and Superfund programs at ADEQ along with EPA are coordinating their efforts in providing appropriate remediation of all the contaminants towards a successful eventual groundwater remedy. Ms. Moore pointed out the hard work that the CAG and LPNA TAG representatives have done over the years to encourage that successful coordination of these programs.

8. Future Meeting Plans

Ms. Mariner announced that the next probable meeting would be in October to take care of the missed CAG business items and to address some upcoming enforcement activities for the site and follow-up on the BSVE Permit application.

9. Adjournment

Motorola 52nd Street Superfund Site Community Advisory Group Meeting

August 23, 2007

Agenda

1. **Call to Order/Introductions (ADEQ)**
2. **OU1 & OU2 Sites Status Report (ADEQ)**
3. **OU3 Site Status Report (USEPA)**
4. **Announcement of Re-Zoning Application for 52nd Street Property (Freescale)**
5. **What is a TAG? (USEPA)**
6. **Honeywell BSVE Permit Hearing Update (TAG)**
7. **BSVE Permit Update (ADEQ)**
8. **Call to Public**
9. **Discussion of a CAG Charter and Voting (ADEQ)**
10. **Possible Voting on CAG Co-Chairs (ADEQ)**
11. **Community Involvement Plan Update (ADEQ/LFR)**
12. **Future Meeting Plans / Agenda Discussion (ADEQ)**
13. **Adjournment**

Call to Order & Introductions

ADEQ Staff

- Chris Gamache, Project Manager (Sitewide, OU1, & OU2)
- Nicole Coronado, Project Manager (OU3)
- Robert Peeples, Project Manager (OU3)
- David Haag, Project Hydrologist
- Linda Mariner, Community Involvement Coordinator
- Harry Hendler, Federal Projects Unit Manager

USEPA Staff

- Leah Butler, Remedial Project Manager (Sitewide, OU1 & OU2)
- Janet Rosati, Remedial Project Manager (OU3)
- John Lucey, Remedial Project Manager (OU3)
- Viola Cooper, Community Involvement Coordinator

ADEQ Consultant

USEPA Consultant

CAG Members

Community Members & Interested Parties

OU1 Sites Status Report

1. Reports Reviewed

- a) Semi-Annual Progress Reports
 - 1) January through June 2006
 - 2) July through December 2006
- b) Remedial Action Objectives
Status: Currently being reviewed by ADEQ
- c) OU1 & 2 Five Year Reviews
Status: Currently being reviewed by ADEQ
- d) DM 607 Monitor Well Installation Report
Status: Commented on the report
- e) OU1 Effectiveness Report

2. Workplans Reviewed

- a) Old Cross Cut Canal Revised New Well Installation Work Plan
Status: Waiting on ROW permit from Flood Control District of Maricopa County

OU1 Sites Status Report

3. Sampling and Reporting

Morgan Well

Status: Sampled on July 13

Currently evaluating results

4. Conducted Interviews for Community Involvement Plan (OU1&2)

Status: Conducted interviews on July 25

Interviewed 2 respondents

5. Future Plans

September 2007 Groundwater Sampling Event

OU2 Sites Status Report

1. Consent Decree Reviewed

Status: Currently being reviewed by ADEQ

2. Reports Reviewed

a) December 2006 through February 2007 Groundwater Monitoring Report

b) March 2006 Groundwater Monitoring Report

c) September 2006 Groundwater Monitoring Report

d) Monthly Progress Reports – March & April 2007

e) Monthly Progress Reports – May, June, & July 2007

Status: Currently being reviewed by ADEQ

g) Notification of Off-Site Carbon Reactivation

h) Joray/Kachina Research Report

Status: Currently being reviewed by ADEQ

i) Joray/Kachina Conceptual Site Model

Status: Commented in July

j) Work Plan to Install Groundwater Monitoring Wells/Piezometers

Status: Finalizing well / piezometer installation

3. Sampling and Reporting

a) Supplemental Westbay Wells

Status: Sampled and reported on May 10

OU2 Sites Status Report

3. Honeywell Workplans Reviewed

- a) Work Plan for Waste Characterization of Subsurface Structures
Status: Currently being reviewed by ADEQ
- b) Closure Work Plan for Building 140 Interim Remedial Measure
Status: Commented in July
- c) Workplan for Installation of Additional Groundwater Monitoring Wells
- d) Trend Analysis Support for the Groundwater Monitoring Frequency Report
Status: Postpone requests for MW reduction
Approved reduce sampling frequency of some MWs

4. PRP Meetings

- a) Aviall
Status: Met on June 6 and plan on a future meeting
Aviall to provide additional information

OU2 Sites Status Report

5. PRP Meetings (continued)

b) ITT Cannon

Status: Met on July 31

Plan to negotiate an AOC and scope of work

6. Maps

Status: Currently being reviewed by EPA and ADEQ

7. Future Plans

a) Plan on Regional RI/FS

b) Continue discussions with PRPs

c) September 2007 Groundwater Sampling Event

Thank you



Operable Unit 3 Site Status Report

Janet Rosati
EPA Remedial Project Manager
August 23, 2007

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Arizona Public Service

501&505 Property Update

Completeness Review Technical Memo

◆ Soil Vapor

- PCE and TCE soil vapor detections in two areas of 501 property.
- Highest concentrations in southern portion where SVMW-4 installed, at 35 feet, up to 90 ug/L TCE, 66 ug/L TCE.
- Lateral characterization complete, but not vertical.
- Additional soil vapor monitoring well (SVMW-6) will be installed near “hot spot” for vertical characterization.
- Sample SVMW-4 and proposed SVMW-6 on semi-annual basis through 2008.
- Will submit TM on potential migration of soil vapor and soil concentrations to groundwater.

Arizona Public Service

501&505 Property Update

Completeness Review TM, con'td

◆ Soil and Groundwater

- ◆ - Collected soil sample to confirm historical soil sample detection of 44 mg/kg, no detections above the detection limit, which ranged from 0.8 to 0.08 mg/kg.
- ◆ - Groundwater MW samples had low detections (1.2 to 3.8 ug/L) in shallow zone and trace (<1 ug/L) in the intermediate zone for PCE and TCE, all below AWQS and MCLs.
- ◆ - Continue groundwater monitoring on semi-annual basis (6 shallow and 11 intermediate wells).
- ◆ - Reduce intermediate zones wells to annual sampling in 2008, if no further detections.
- ◆ - Water level monitoring monthly until Dec 07; reduce to quarterly in 2008.
- ◆ - EPA and ADEQ reviewing proposed Groundwater Model.

Arizona Public Service 501&505 Property Update

APS Western Boundary TM

- ◆ VOCs were detected at the western edge of the 502 property, up to 62 ug/L TCE, 29 ug/L PCE.
- ◆ Proposed additional investigation at 320 West Lincoln St. west of the 502 property where former APS 500 Building (500 Site) was located.
- ◆ Former Southwest Solvent was located west of the 500 Site, a former WQARF facility.
- ◆ APS's goals are:
 - Further delineate the extent of soil vapor plume along the western boundary of the APS 502 facility.

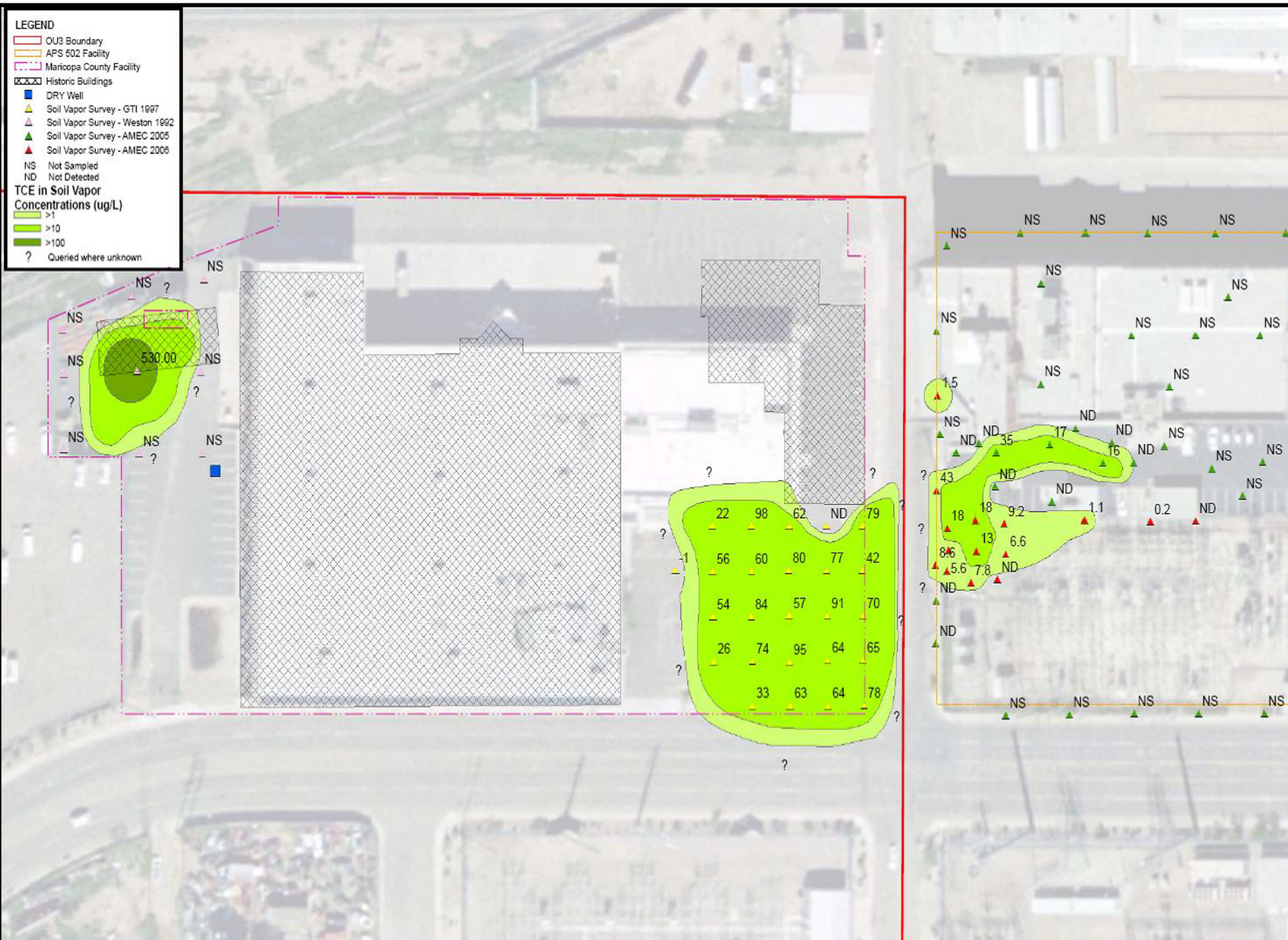
Arizona Public Service 501&505 Property Update

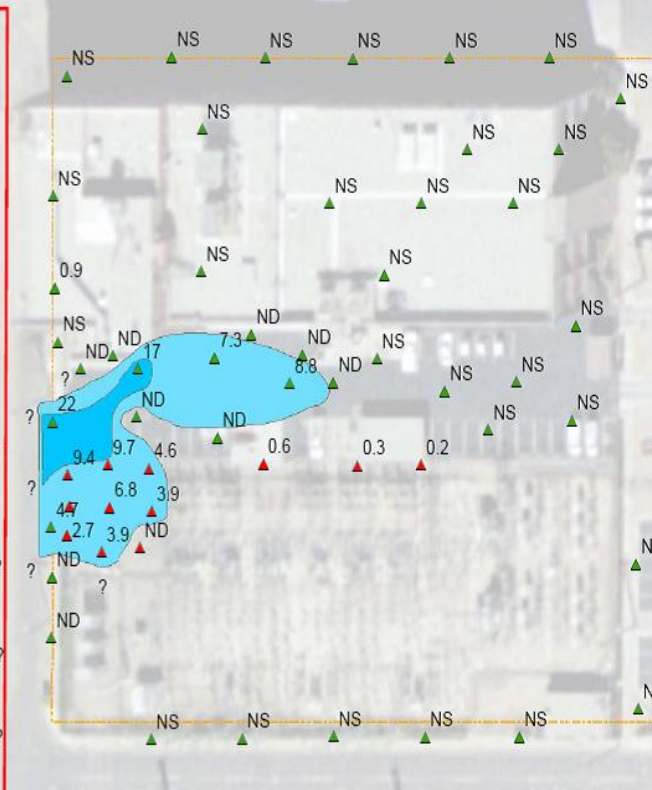
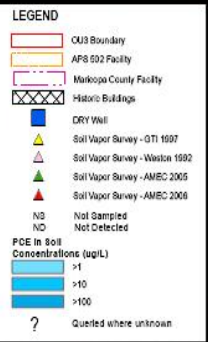
APS Western Boundary TM, con'td

◆ Proposed Work

- Soil Vapor Sampling on the 500 Site
- Inclusion of the Maricopa Co. Wells (MC-02 thru MC-05 into September 2007 sampling.
- Additional evaluation of the sewer system using visual or video survey, soil vapor samples and sludge samples.

- LEGEND**
- OU3 Boundary
 - APS 502 Facility
 - Maricopa County Facility
 - Historic Buildings
 - DRY Well
 - Soil Vapor Survey - GTI 1997
 - Soil Vapor Survey - Weston 1992
 - Soil Vapor Survey - AMEC 2005
 - Soil Vapor Survey - AMEC 2006
 - NS Not Sampled
 - ND Not Detected
- TCE in Soil Vapor Concentrations (ug/L)**
- >1
 - >10
 - >100
 - ? Queried where unknown





JOB NO.: 6-115-005008
 DESIGN: MD
 DRAWN: BK
 DATE: 11/09/06



APS 502 FACILITY AND MARICOPA COUNTY FACILITY

SOIL VAPOR SURVEY PCE CONCENTRATIONS AT 10-15 FEET

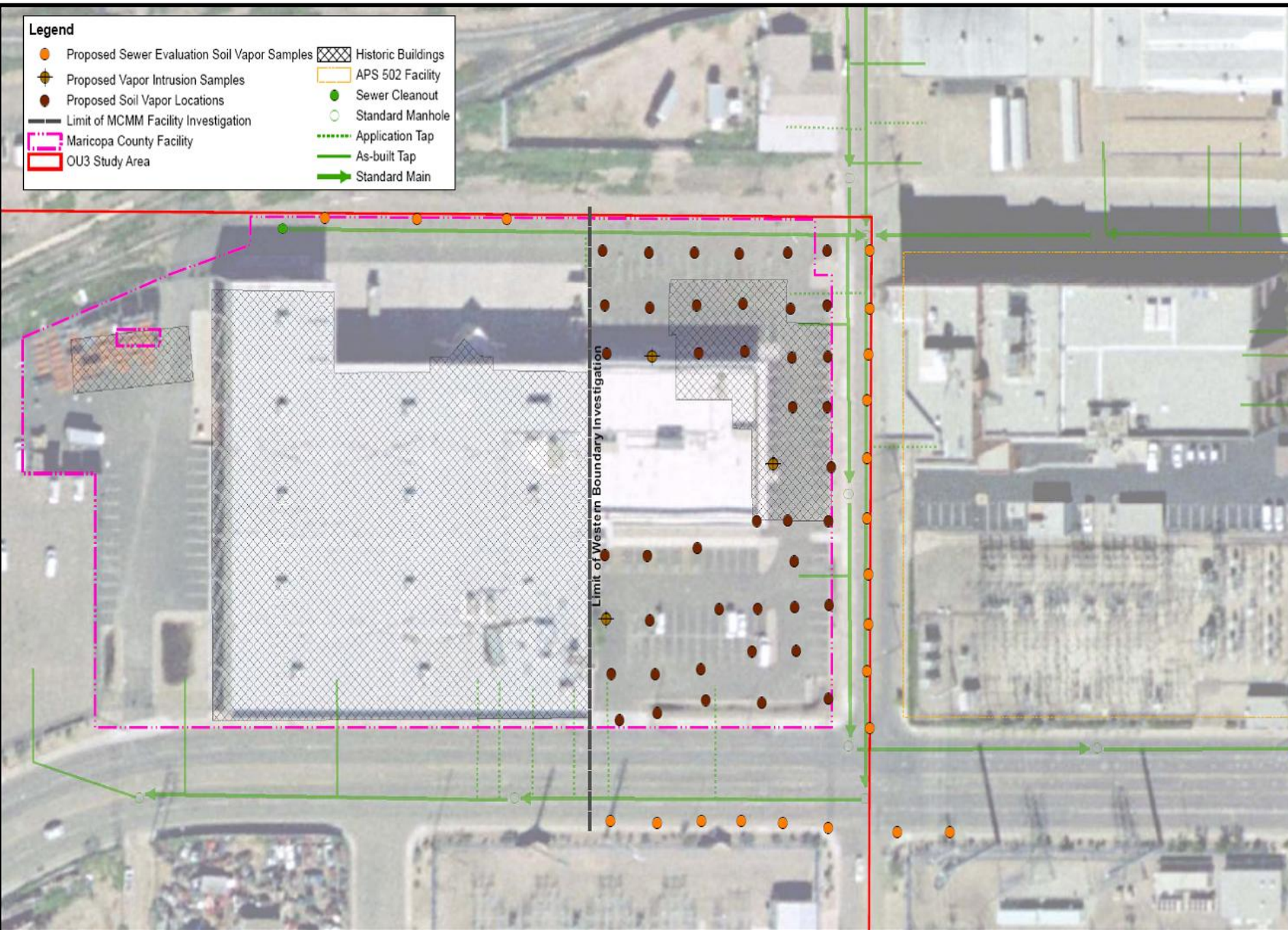
FIGURE

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Legend


- Proposed Sewer Evaluation Soil Vapor Samples
- Proposed Vapor Intrusion Samples
- Proposed Soil Vapor Locations
- Limit of MCMC Facility Investigation
- Maricopa County Facility
- OU3 Study Area

- Historic Buildings
- APS 502 Facility
- Sewer Cleanout
- Standard Manhole
- Application Tap
- As-built Tap
- Standard Main




Salt River Project

16th Street Facility Update

- ◆ Submitted Final Indoor Air Report, no action needed.
 - ◆ Completed voluntary removal of a sump & excavation, no COCs in confirmation samples.
 - ◆ Completed installation of 2 SVMWs for vertical soil vapor characterization and completed 3 rounds of soil vapor sampling.
 - ◆ Will submit a TM on approach to evaluate potential migration of VOCs to groundwater.
 - ◆ RI/FS Report will follow summarizing results.
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Baker Metal Site Update

- ◆ BDR Liquidating submitted an RI for the Baker Metal Site.
 - ◆ EPA has reviewed and provided comments.
 - ◆ No additional investigation is required.
 - ◆ Will submit a revised RI Report.
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Cooper/ArvinMeritor/AdobeAir
500 South 15th Street

July 2006	Phase 1 RI Work Plan approved by EPA
September 2006	Phase 1 RI field work conducted (64 soil gas samples collected)
September 2006	Semi annual groundwater sampled
December 2006	Draft Phase 1 RI Report submitted
March 2007	Semi annual groundwater sampled
July 2007	Draft Final Phase 1 RI Report submitted

Cooper/ArvinMeritor/AdobeAir
500 South 15th Street

Scheduled Activities

August 2007

Finalize Phase 1
RI Report

August 2007

Finalize Phase 2
Work Plan

September 2007

Conduct Phase 2 RI
field work (collect
additional soil gas
samples and install 3
new groundwater
monitoring wells)

Paul McCoy's Laundry and Dry Cleaners

March 2006

Paul McCoys signs AOC
with EPA

March 2007

Draft RI/FS Work Plan
submitted

Scheduled Activities

August 2007

Finalize RI/FS Work
Plan

September 2007


Conduct RI field work
(collect soil gas samples)

Phoenix Newspaper Inc.

March 2007	Focused RI Work Plan for Soil Gas Investigation submitted
April 2007	Conduct RI field work (collect soil gas samples)
June 2007	Complete additional soil gas sampling

Scheduled Activities

September 2007	Conduct additional soil gas sampling if needed
November 2007	Submit draft Focused RI Report

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Walker Power Systems Site:
Walker Power Systems Inc., Tiernay Properties Inc.,
Union Pacific Railroad Company

January 2007 Research Report (3rd Revision)
submitted

June 2007 EPA provides comments on
Research Report (3rd Revision)

June 2007 EPA issues Unilateral
Administrative Order to 3 parties

Scheduled Activities

August 2007 Submit draft RI Work Plan

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Technical Assistance Grant Program (TAG)

Viola Cooper

Community Involvement Coordinator, EPA

Community Advisory Group Presentation

August 23, 2007



Purpose

- Hire a technical advisor (TA) to interpret site-related technical information
- Promote public involvement and information exchange in the decision-making process through information transfer and community outreach (Not necessarily the TA's responsibility)



Conditions

- \$50,000 grant
- Three year project period
- One grant per Superfund site
- Groups who live near a Superfund site



Uses of TAGs

- Hire Technical Advisors (TA)
- TA's review site-related documents
- Provide assistance in communicating concerns
- Interpret technical information for the community
- Participate in site visits
- Travel to meetings, hearings related to the site



Eligible Activities

- Hire a technical advisor
- Hire a grant administrator
- Review site documents
- Produce and distribute fact sheets
- Hold community meetings
- Prepare comments to site information and proposed cleanup plans
- Develop public notices



Ineligible Activities

- Develop new site-related information
- Support legal actions in any way
- Pay staff salaries
- Political activity and lobbying
- Tuition for training, seminars or coursework
- Travel costs
- Epidemiological or health studies (including blood/urine testing)
- Reopening final agency decision or conducting dispute resolution



Contact Information

Viola Cooper

Community Involvement Coordinator
US Environmental Protection Agency

(415) 972-3243

(800) 231-3075

cooper.viola.@epa.gov

